



01/29/2013

Date

Backfill of all trenches shall be compacted granular (Item 304) backfill as per Specification 33 30 00. Contractor is required to sawcut pavement 12-in outside of trench after backfill and prior to pavement replacement The pay limit for roadway pavement replacement is a 6-ft width centered on the proposed sewer pipe. Any pavement damaged outside of this area, shall be replaced at the Contractor's expense.

PIPE TRENCH & ROADWAY (C) PAVEMENT REPLACEMENT DETAIL

* Item numbers refer to ODOT 2010 Construction and Material Specifications.

DETAIL NOTE

Backfill of all trenches shall be compacted granular (Item 304 or No. 8 Stone) backfill as per Specification 33 30 00. Contractor is required to sawcut pavement 12-in outside of trench after backfill and prior to pavement replacement.

PIPE TRENCH & ASPHALT DRIVEWAY (D) PAVEMENT REPLACEMENT DETAIL

Ex Gravel Ex Gravel ///SV////SV///SV////SV// D+24" Granular Backfill Item 304 or No. 8 Stone

_ 5-in ~ No. 57 Stone

DETAIL NOTE Backfill of all trenches shall be compacted granular (Item 304 or No. 8 Stone) backfill as per Specification 33 30 00.

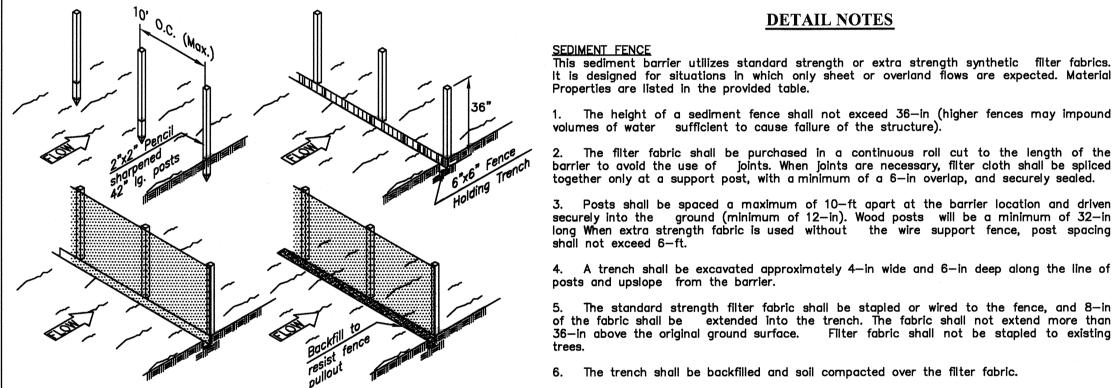
PIPE TRENCH & GRAVEL DRIVEWAY (E) PAVEMENT REPLACEMENT DETAIL No Scale

Seed & Mulch 3" Topsoil D+24" Type B Backfill

DETAIL NOTE

Type B backfill shall be natural soil free from stones large than 2—in across their greatest dimension, topsoil, vegetation, debris, rubbish, or frozen material, compacted to 95% of its maximum labratory dry weight. Placed per ODOT CMS 901.17

PIPE TRENCH & SURFACE **RESTORATION DETAIL**



Sediment fence fabric shall be ODOT, Type C Geotextile fabric or the equivalent to the following properties:

120 lbs 50%

50 lbs

40 lbs

200 psi

0.84 mm

1 X 10 sec

MATERIAL PROPERTIES

Maximum Tensile Strength Maximum Elongation at 60 lbs. Minimum Puncture Strength Minimum Tear Strength

Minimum Burst Strenght Apparent Opening Size Minimum Permeability Ultraviolet Exposure Strength Retention

SEDIMENT FENCE This sediment barrier utilizes standard strength or extra strength synthetic filter fabrics. It is designed for situations in which only sheet or overland flows are expected. Material 1. The height of a sediment fence shall not exceed 36-in (higher fences may impound volumes of water sufficient to cause failure of the structure). 2. The filter fabric shall be purchased in a continuous roll cut to the length of the barrier to avoid the use of joints. When joints are necessary, filter cloth shall be spliced together only at a support post, with a minimum of a 6—in overlap, and securely sealed. 3. Posts shall be spaced a maximum of 10—ft apart at the barrier location and driven securely into the ground (minimum of 12—in). Wood posts will be a minimum of 32—in long When extra strength fabric is used without the wire support fence, post spacing shall not exceed 6—ft. 4. A trench shall be excavated approximately 4—in wide and 6—in deep along the line of posts and upslope from the barrier.

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6. The trench shall be backfilled and soil compacted over the filter fabric. Silt fences shall be removed when they have served their useful purpose, but not

The standard strength filter fabric shall be stapled or wired to the fence, and 8-in

DETAIL NOTES

before the upslope area has been permanently stabilized. 8. To prevent water ponded by the silt fence from flowing around the ends, each end shall be constructedupslope so that the ends are at a higher elevation.

MAINTENANCE Sediment fence shall be inspected immediately after each rainfall and at least daily during prolonged rainfall. Any required repairs shall be made immediately.

Should the fabric on a silt fence or filter barrier decompose or become ineffective prior to the end of the expected usable life and the barrier is still necessary, the fabric shall be

replaced promptly. Sediment deposits should be removed after each storm event. They must be removed when deposits reach approximately one-half the height of the barrier. Any sediment deposits remaining in place after the silt fence or filter barrier is no longer required shall

longer required shall be dressed to conform with the existing frade, prepared and seeded.

be dressed to conform with the existing grade, prepared and seeded. Any sediment deposts remaining in place after the sediment fence or filter barrier is no

(I) SEDIMENT FENCE DETAIL & NOTES

Not to Scale

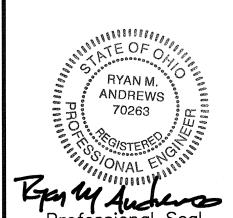
CAD OPERATOR DCH QAQC/CHECKER RMA 100% CD Submittal

Revisions

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emht.com Dynamiv Engineering Ltd.



∕-Neatly Sawcut &

after Paving.

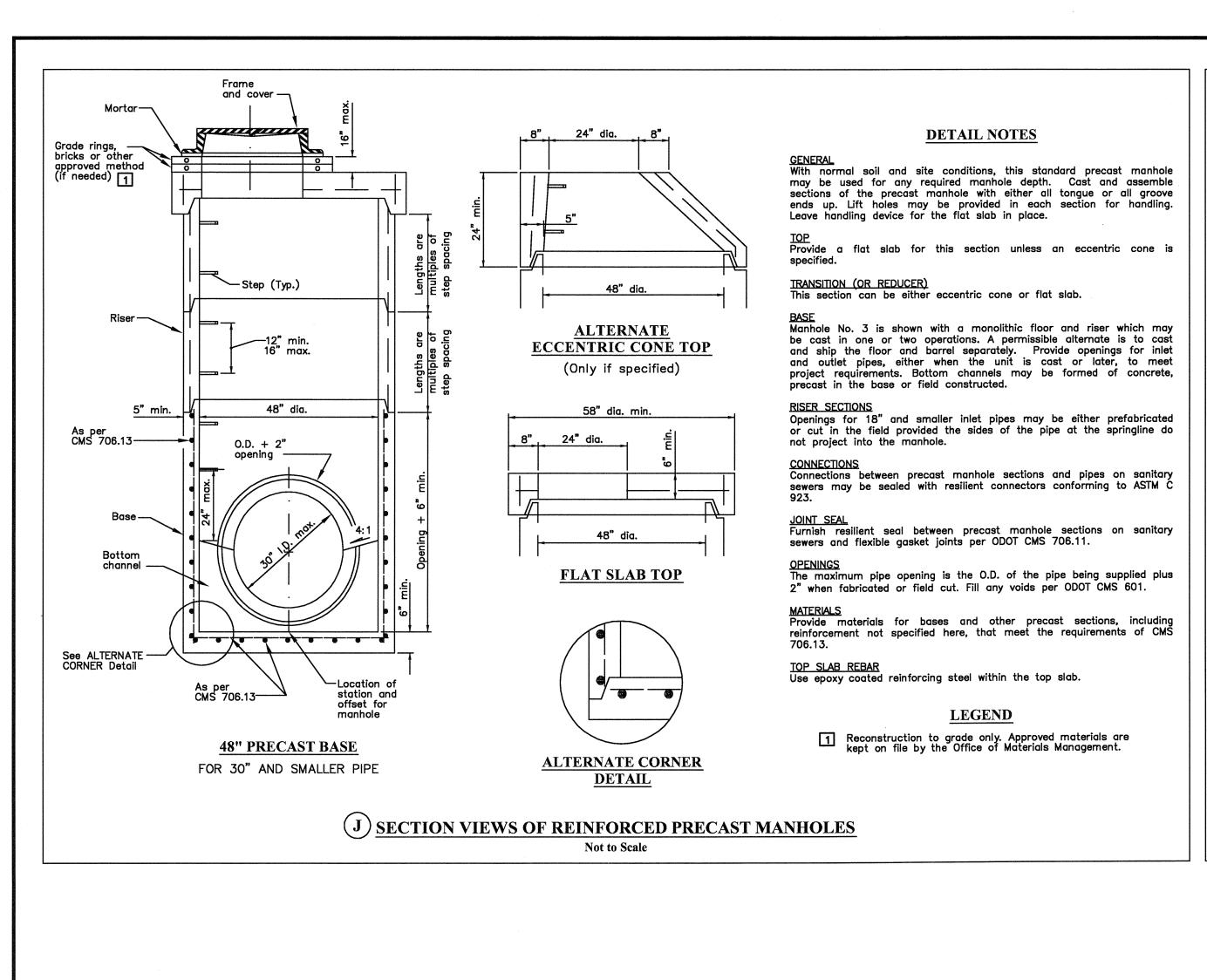
Seal per ODOT 423

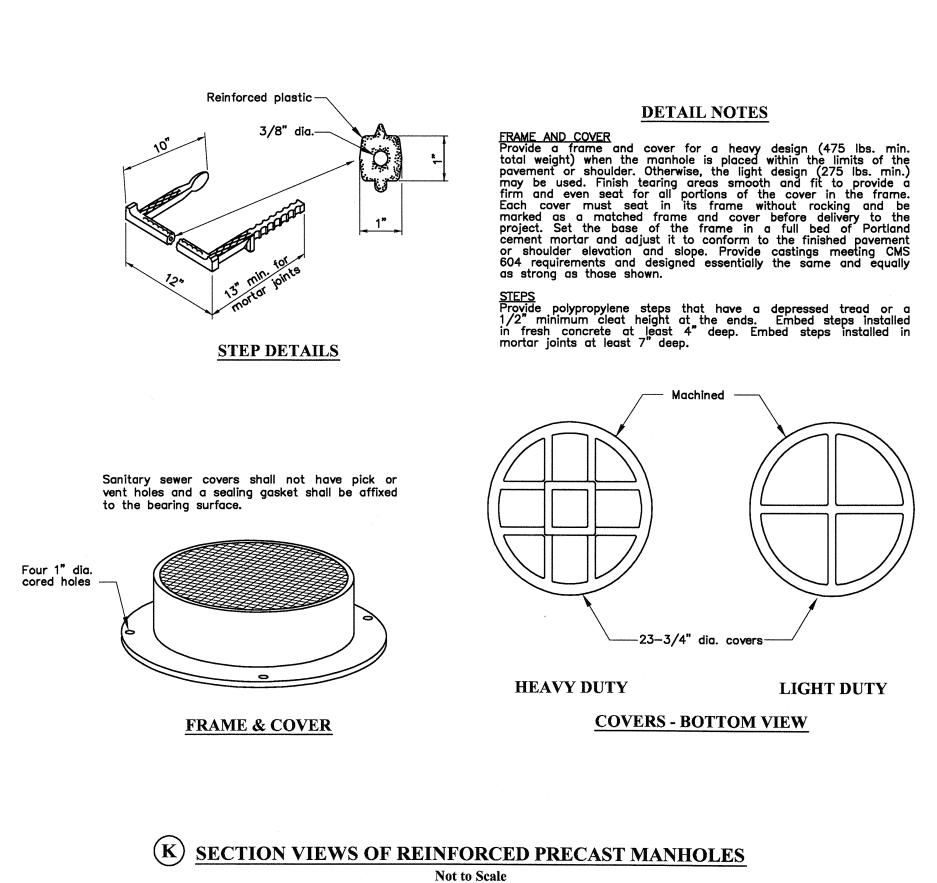
Drawing Title Revised By: ____

PROJECT DETAILS SANITARY SEWER REHABILITATION Approved: Project Manager Building Number Checked Drawn Chris Moorhead Approved: Service Chief Location 4100 WEST THIRD STREET Mark Permelia DAYTON, OH

Project Title

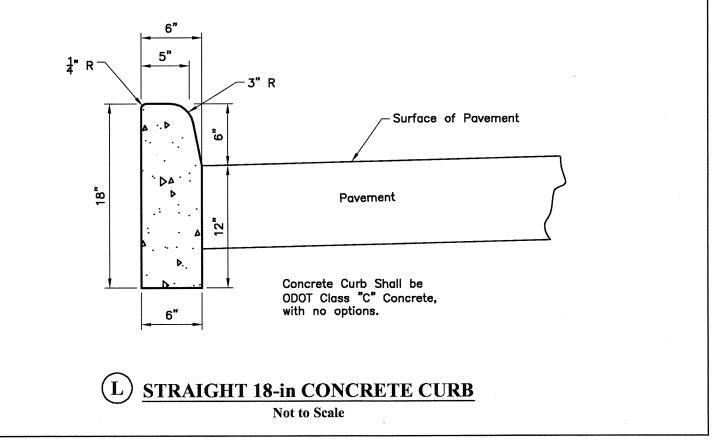
01/29/2013 552-13-309 Drawing No. GS2-01

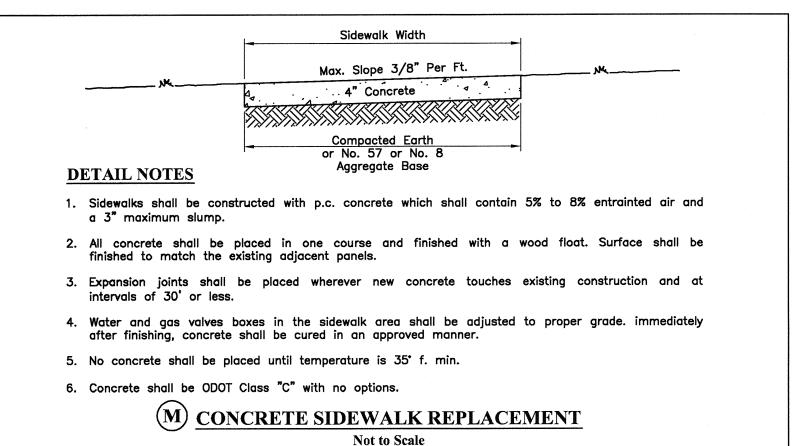


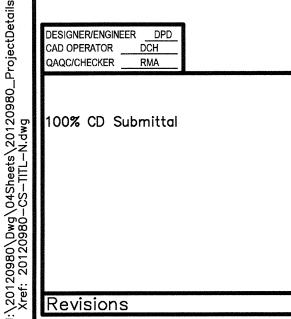


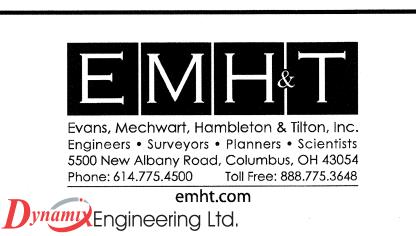
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PROJECT DETAILS



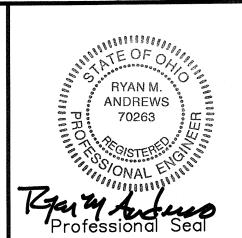




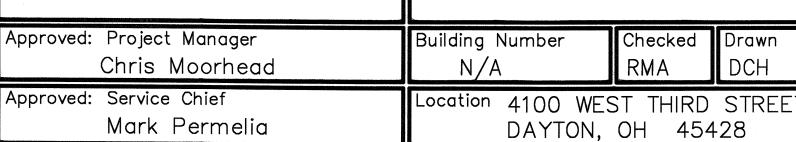


01/29/2013

Date







Project Title

GS2-02

552-13-309

Drawing No.

SANITARY SEWER REHABILITATION 01/29/2013

